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Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) In a body (~~30, 48~~) having a conduit (~~38, 68~~) formed of a first passageway (~~32, 50~~) having a first longitudinal axis (~~33, 52~~) and a second passageway (~~34, 54~~) having a second longitudinal axis (~~35, 56~~) wherein the first and second longitudinal axes intersect at an angle other than 180 degrees, the improvement characterized by:

an enlarged cavity (~~36, 58~~) having a center point (~~42, 60~~) at the intersection of the first and second longitudinal axes.

2. (Previously Presented) The improvement of claim 1 wherein the enlarged cavity is generally spherically shaped.

3. (Currently Amended) The improvement of ~~claims 1 or 2~~ claim 2 wherein the diameter of the enlarged cavity is at least twice the cross sectional diameter of one of the first and second passageways.

4. (Currently Amended) The improvement of ~~any of claims 1-3~~ claim 1 wherein the angle is about 90 degrees.

5. (Currently Amended) The improvement of ~~any of claims 1-4~~ claim 4 wherein the diameter of the enlarged cavity is at least twice the cross sectional diameter of one of the first and second passageways.

6. (Previously Presented) A method of manufacturing a body having a conduit with a first passageway having a first longitudinal axis and second passageway having a second longitudinal axis wherein the first and second longitudinal axes intersect at an angle other than 180 degrees, and an enlarged cavity having a center point at the intersection of the first and second longitudinal axes, comprising the steps of:

drilling the first passageway into the body along a first longitudinal axis;

drilling the second passageway into the body along the second longitudinal axis until the second longitudinal axis intersects the first longitudinal axis;

utilizing electromechanical machining to remove material from the walls of the first and
10 second passageways adjacent the intersection of the first and second longitudinal axes until the
enlarged cavity with a center point at the intersection is formed.

7. (Previously Presented) The method of claim 6 wherein the step of utilizing
electromechanical machining includes removing material evenly in all directions to form a
spherical cavity.

8. (Currently Amended) The method of ~~claims 6 or 7~~claim 7 further comprising
removing material in all directions until the diameter of the cavity is twice the diameter of one of
the first and second passageways.

9. (Currently Amended) A fuel distribution system ~~(100)~~ for an internal combustion
engine comprising:

a pump ~~(102)~~;

an injector ~~(104)~~;

5 a fuel conduit ~~(108)~~ in a body ~~(106)~~, fluidly connecting the pump ~~(102)~~ to the injector
~~(104)~~, said fuel conduit being adapted for delivery of fuel at high pressure, having a first
passageway ~~(110)~~ with a first longitudinal axis ~~(112)~~ and a second passageway ~~(114)~~ with a
second longitudinal axis ~~(116)~~ wherein the first and second longitudinal axes intersect at an angle
other than 180 degrees; and

10 an enlarged cavity ~~(120)~~ having a center point ~~(122)~~ at an intersection of the first and
second longitudinal axes.

10. (Currently Amended) The fuel distribution system of claim ~~10~~9 wherein the
enlarged cavity is generally spherically shaped.

11. (Currently Amended) The fuel distribution system of ~~claims 9 or 10~~claim 10
wherein the diameter of the enlarged cavity is at least twice the cross sectional diameter of one of
the first and second passageways.

12. (Currently Amended) The fuel distribution system of ~~any of claims 9-11~~claim 11 wherein the angle is about 90 degrees.

13. (Currently Amended) The fuel distribution system of ~~any of claims 9-12~~claim 9 wherein the diameter of the enlarged cavity is at least twice the cross sectional diameter of one of the first and second passageways.

14. (Currently Amended) A unit fuel injector ~~(100)~~ for an internal combustion engine,
5 the unit fuel injector being of the type comprising a pump ~~(102)~~, an injector ~~(104)~~, and a body ~~(106)~~, characterized by:

a fuel conduit ~~(108)~~ in the body ~~(106)~~, fluidly connecting the pump ~~(102)~~ to the injector ~~(104)~~, said fuel conduit being adapted for delivery of fuel at high pressure, having a first passageway ~~(110)~~ with a first longitudinal axis ~~(112)~~ and a second passageway ~~(114)~~ with a
10 second longitudinal axis ~~(116)~~ wherein the first and second longitudinal axes intersect at an angle other than 180 degrees; and

an enlarged cavity ~~(120)~~ having a center point ~~(122)~~ at an intersection of the first and second longitudinal axes.

15. (Previously Presented) The unit fuel injector of claim 14 wherein the enlarged cavity is generally spherically shaped.

16. (Currently Amended) The unit fuel injector of ~~claims 14 or 15~~claim 15 wherein the diameter of the enlarged cavity is at least twice the cross sectional diameter of one of the first and second passageways.

17. (Currently Amended) The unit fuel injector of ~~any of claims 14-16~~claim 16 wherein the angle is about 90 degrees.

18. (Currently Amended) The unit fuel injector of ~~any of claims 14-17~~claim 14 wherein the diameter of the enlarged cavity is at least twice the cross sectional diameter of one of the first and second passageways.

19. (New) The improvement of claim 1 wherein the diameter of the enlarged cavity is at least twice the cross sectional diameter of one of the first and second passageways.